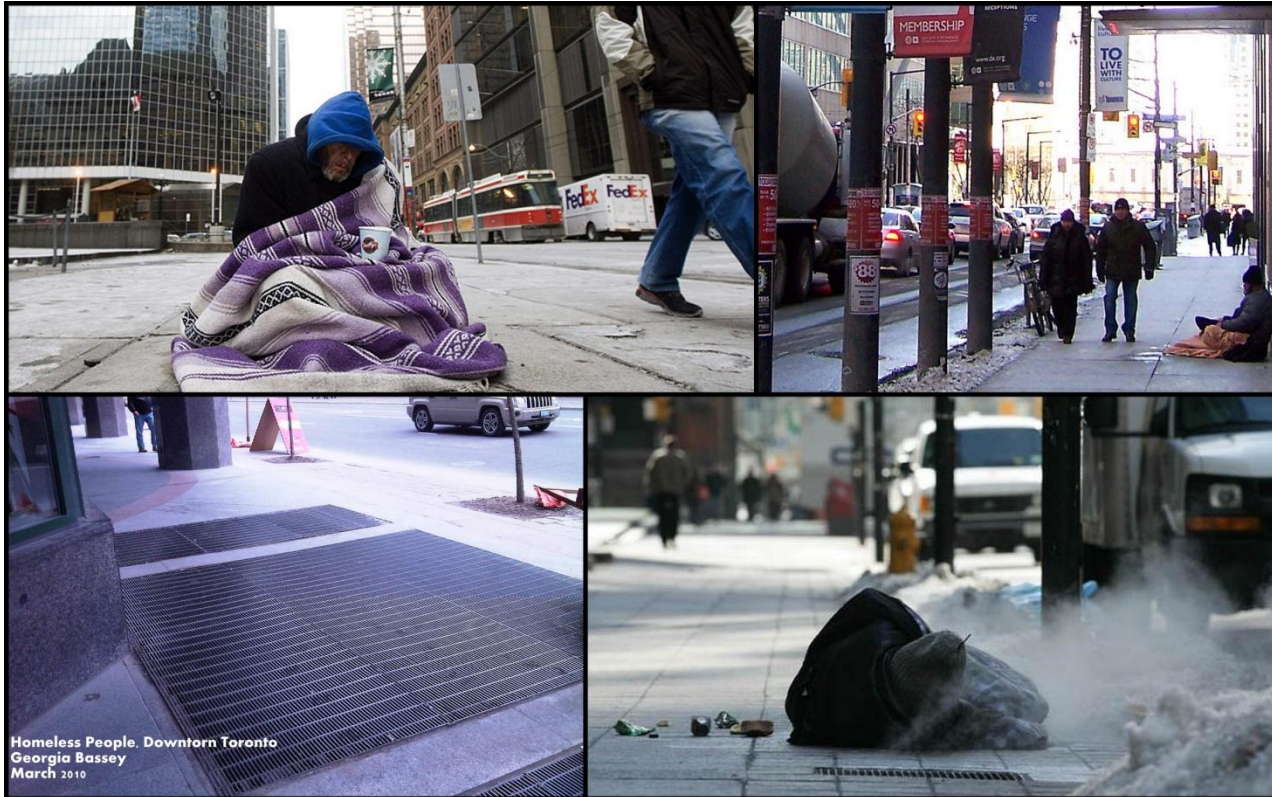


Helping the Homeless in Toronto



What is the Problem?

- Toronto is littered with sleeping bags belonging to homeless people in the middle of sidewalks, alleyways, over air vents or in building doorways
- As of 2003, a quarter of Toronto's population still live in poverty. Out of the 552,300 homeless people, 31,985 people stayed in some of Toronto's emergency centers.

What We Discovered

- After speaking to homeless individuals in Toronto we discovered
 - Homeless individuals are highly unmotivated
 - Some of them do want to get off the streets but don't know how
 - Homeless shelters have to turn away individuals, lack of space.

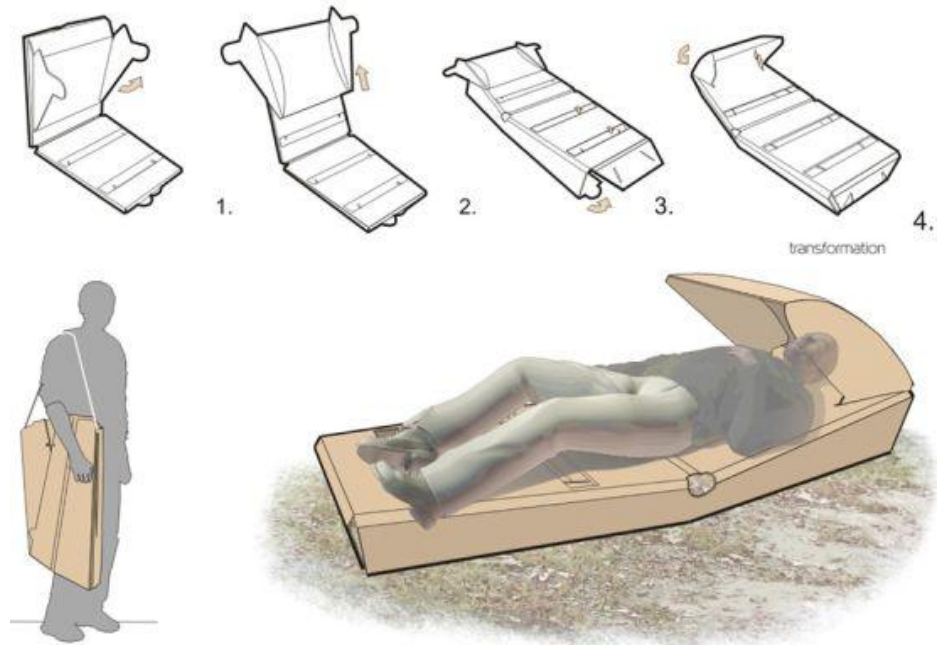
Already Existing Solutions

- Cardboard Bed

Problems:

1. Not water proof
2. Short Term –
Doesn't last long
3. Too bulky to carry
4. Doesn't provide
heating

DISPOSABLE CARDBOARD BED

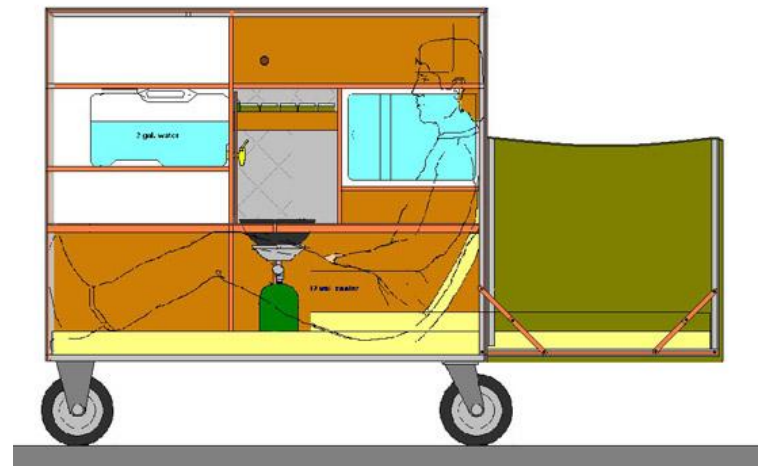


Already Existing Solutions

- Mobile Homeless Shelter

Problem:

1. Size – It's too big!
2. Unrealistic
3. Cost is expensive to obtain and maintain

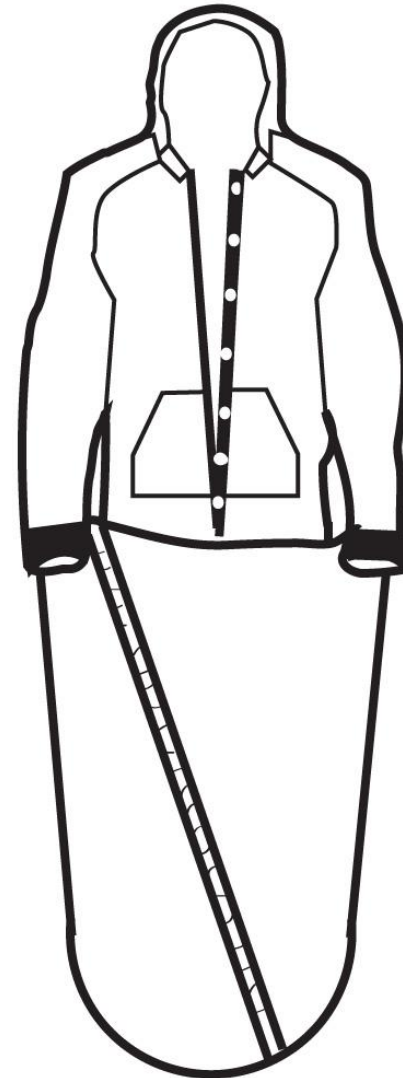


Our Solution

- To create a 3 part solution that includes a system where the homeless are involved in the assembly.
- The 3 parts include A compact mobile bed, a sleeping bag that can be used as a jacket, and a waterproof backpack to carry all these.

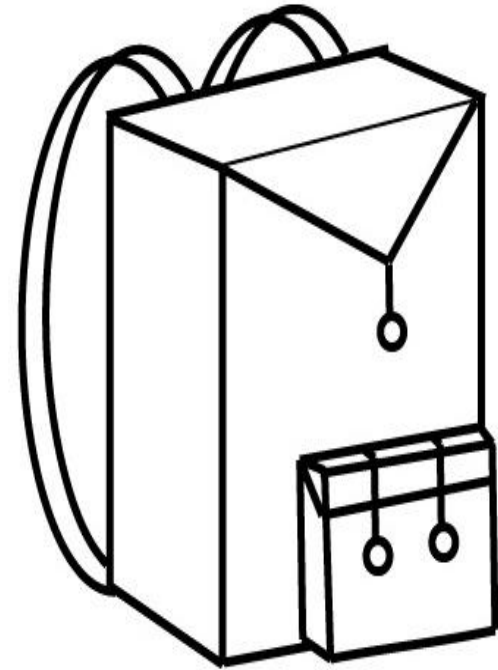
Sleeping bag + Jacket

- Material is a mix of rayon, nylon and polyester making it water resistant
- Insulated with be made out of Tyvek which keeps them warm during cold winters
- The lower portion can be detachable

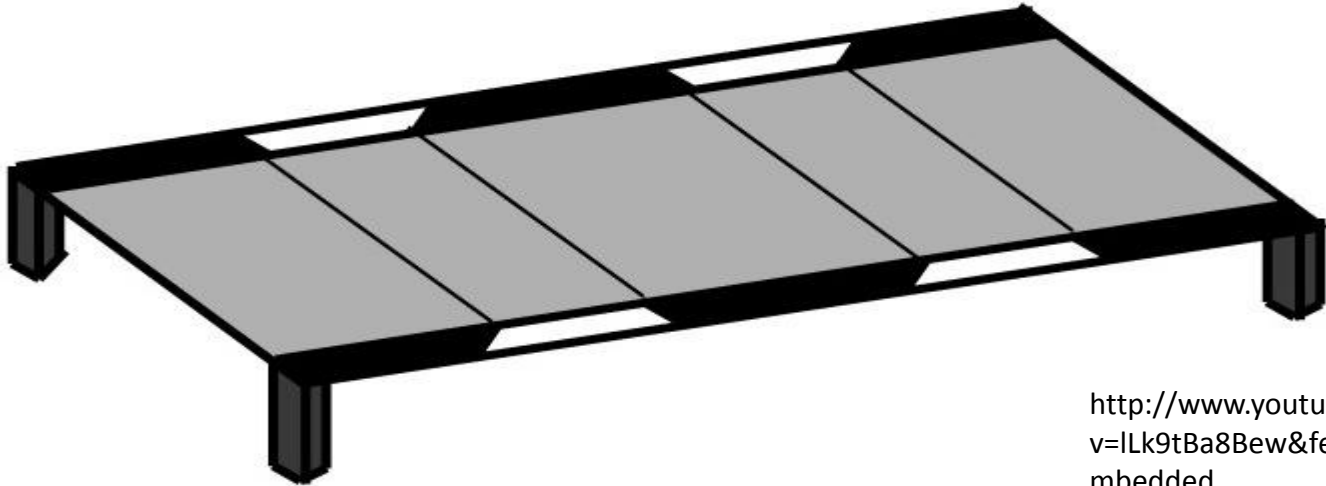


Water Resistant Carrying Bag

- There are combination locks on the bags so their belongings are safe
- The bed and sleeping bag, when folded will fit into a back pack made from a mix of nylon rayon polyester fabric which will repel water and help keep everything clean and dry.



Collapsible Bed



http://www.youtube.com/watch?v=ILk9tBa8Bew&feature=player_embedded

- Structure base of the bed will be made out of plastic → cheaper and lighter to carry making it more mobile.
- Thinsulate lined